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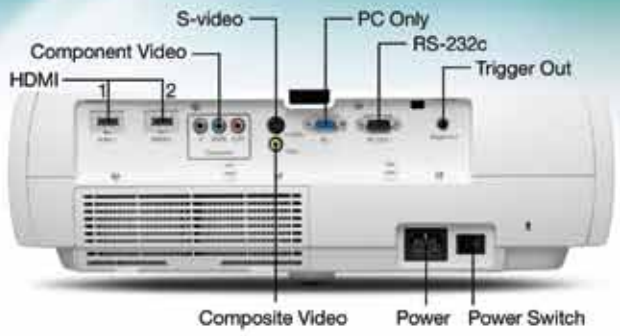

Epson PowerLite® Home Cinema 8500 UB

HOME THEATER PROJECTOR

Product Name	Product Code	UPC
PowerLite Home Cinema 8500 UB	V11H337020	0 10343 87439 8
Genuine Epson Lamp	V13H010L49	0 10343 87268 4
Air Filter Set	V13H134A21	0 10343 87269 1

Specifications

Projection System
3LCD, 3-chip optical engine
Poly-silicon TFT active matrix

Projection Methods
Front/rear/ceiling mount

White Light Output[2]
1600 lumens (ISO 21118 standard)

Color Light Output[2]
1600 lumens

Aspect Ratio
Native 16:9 widescreen (4:3 resize)
Compatible with 4:3 and 16:9 video formats with Normal, Full or Zoom Modes

Native Resolution
Native 1080p (1920 x 1080)

Lamp Type
200 W UHE (Ultra High Efficiency) E-TORL

Lamp Life[4]
Up to 4000 hours

Size (projected distance)
100" diagonal (wide: 9.8' – tele: 20.9')

Contrast Ratio
Up to 200,000:1

Color Processing
Full 12-bit

Projection Lens

Type
Manual zoom/Manual focus

F-number
2.0 – 3.17

Focal Length
22.5 mm – 47.2 mm
Widescreen image size (projected distance)
100" diagonal (wide: 9.8' – tele: 20.9')

Zoom Ratio
Manual 2.1x

Lens Shift
Vertical: 96.3% max (up and down)
Horizontal: 47.1% max (left and right)

Other

7 Color Modes
Dynamic, Living Room, THX, Theater,
Theater Black 1, Theater Black 2, x.v. Color

Input Signal
NTSC/NTSC4.43/PAL/M-PAL/N-PAL/PAL60/SECAM/
480i/576i/480p/576p/720p/1080i/1080p

Terminal Inputs
2 HDMI 1.3a
1 RCA (Composite)
1x3 RCA (Component)
1 Mini DIN (S-video)
1 D-Sub 15 pin (Analog RGB)
1 D-Sub 9 pin (RS-232c)

Video Compatibility
HDMI
HDTV
Component video
S-video
Composite video
NTSC/PAL/SECAM
Analog RGB (PC only)

Operating Temperature
41 ˚ to 95 ˚F (5 ˚ to 35 ˚C)

Fan Noise
22 dB – 28 dB

Dimensions (W x D x H)

Including feet: 17.7" x 15.5" x 5.7"
Excluding feet: 17.7" x 15.5" x 5.4"
Weight: 16.1 lb

Support — The Epson Connection℠

Pre-sales support
U.S. and Canada 800-463-7766
Internet website www.epson.com

Service Programs
Includes two years of toll-free, priority technical support, plus Epson's two-year limited warranty and a 90-day limited lamp warranty

What's In The Box
Projector, power cord, remote control, two batteries, user manual

Accessory Part Numbers

Genuine Epson Lamp	V13H010L49
Air Filter Set	V13H134A21
Ceiling Mount	ELPHB550

Packaging Specifications

PowerLite Home Cinema 8500 UB
Dimensions 23.7" x 18.1" x 11.3" (W x D x H)
Weight 22.8 lb

Genuine Epson Lamp
Dimensions 0.6" x 6.3" x 5.6" (W x D x H)
Weight 0.8 lb
Master Carton
Dimensions 13.1" x 28.4" x 6.8" (W x D x H)
Weight 0.4 lb

Air Filter
Dimensions 3.6" x 11.1" x 1.7" (W x D x H)
Weight 0.2 lb
Master Carton
Dimensions 11.8" x 19.2" x 4.8" (W x D x H)
Weight 3.0 lb

[1]Home video projectors under $3000.
[2]Light output varies depending on modes (color and white light output). White light output measured using ISO 21118 standard.
[3]Data source: ProjectorCentral.com, Jan. 2009. Average of 796 shipping models, for which manufacturers provided lumens and total power data, all resolutions and brightness levels.
[4]Lamp life will vary depending upon mode selected, environmental conditions and usage. Lamp brightness decreases over time.
[5]See our website for convenient and reasonable recycling options at www.epson.com/recycle
[6]SmartWay is an innovative partnership of the U.S. Environmental Protection Agency that reduces greenhouse gases and other air pollutants and improves fuel efficiency.

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EPSON®
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Epson PowerLite® Home Cinema 8500 UB

HOME THEATER PROJECTOR

Stunning image quality and contrast for the finest home cinemas.

Experience home theater in a way you never thought possible with the Epson PowerLite Home Cinema 8500 UB. With a contrast ratio up to 200,000:1, unprecedented in its class,[1] you get deep blacks and extraordinary detail, putting you right in the middle of the action. Whether you're watching movies, or sports, or playing videogames, this 1080p projector ensures amazing image quality with Epson D7 chip, an HQV processor and innovative Super-resolution video technology. Enjoy brilliant quality and blockbuster performance. With a powerful cinema filter, frame interpolation and state-of-the-art Fujinon® lens, a brand trusted by renowned Hollywood producers, this product delivers dynamic video in virtually any setting.

High-definition, 1080p home theater experience — D7 chip with C²Fine® technology delivers 1920 x 1080 resolution

Brilliant images anytime — 1600 lumens color light output, 1600 lumens white light output[2]

The best selling projectors #1 Epson Projectors in the world

Epson PowerLite® Home Cinema 8500 UB

HOME THEATER PROJECTOR

The best-selling projectors in the world.

Epson offers a wide range of high-quality projectors to meet almost any need. Built with image quality and reliability in mind, Epson high-definition projectors take home theater entertainment to a whole new level, featuring color and detail that's sure to win rave reviews from friends and family alike. With the vivid realism of Epson 3LCD technology, these projectors will make your home the hottest ticket in town.

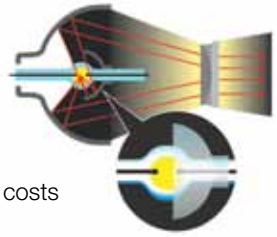
3LCD technology — for quality and color that's beyond amazing

Innovative technology with proven reliability

- 3 chips for full-time, vibrant color
- 25% less electricity required per lumen of brightness when compared to 1-chip DLP projectors[3]
- Road-tested reliability from a company with over 20 years of experience

Energy-efficient E-TORL® lamp, exclusively from Epson

- Delivers more lumens per watt and lasts up to 4000 hours[4]
- Minimizes both light diffraction and light leakage
- E-TORL lamps maximize your viewing time, while minimizing your costs



▲ E-TORL lamp

OptiCinema™ lens for outstanding picture quality and easy setup

The OptiCinema lens system is a precision, high-quality, optical grade system. Co-developed with Fujinon, a top supplier of precision camera optics to the world's leading HD camera makers, this system offers excellent picture uniformity and clarity across the screen. This lens system also provides precision focus with a 2.1x zoom ratio. And, it delivers maximum installation flexibility with 96% vertical and 47% horizontal lens shift (without image distortion).

Amazing light output

- 1600 lumens color light output and 1600 lumens white light output[2]
- High color light output for bright, balanced, colorful images
- Light output and performance to meet your expectations
- White light output that's measured using ISO 21118 (a more rigid standard than the outdated ANSI lumens rating used by competitive products)

High color light output | Low color light output

Actual photographs of images taken from two competing projectors run in default mode. Price, resolution and brightness (white light output) are the same for both projectors.

▲ Built for flexible installation

Eco features

- Energy-efficient 3LCD light engine
- Energy-efficient E-TORL lamp
- Designed to be recycled[5]
- Epson America, Inc. is a SmartWay℠ Transport Partner[6]

Better Products for a Better Future™

For more information on Epson's environmental programs, go to eco.epson.com

Amazing image quality

High performance home entertainment

- **2.1x zoom ratio** — offers great positioning flexibility
- **Two HDMI 1.3 ports** — for flexible connectivity options
- **8x projection** — projects images 8x larger than they would appear on a 40" widescreen TV
- **80" widescreen** — displays an 80" widescreen image from just 8' away, or a 120" image from just 12' away

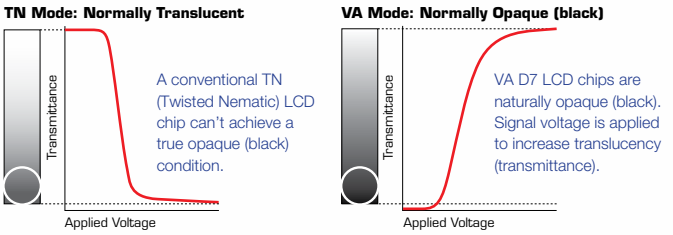
THX display certification

Ensures outstanding picture quality — exceptional performance standards for black levels, resolution, contrast, color gamut and signal processing

Versatile Movie Mode settings — a playback setting that lets consumers experience studio color, black levels and clean-signal processing with few calibration adjustments

Incredibly deep blacks with crystal-clear detail

Achieve astounding blacks — with an incredible contrast ratio of up to 200,000:1, UltraBlack™ technology and Epson's exclusive Vertical Alignment (VA) LCD technology



"black levels" simulated

Dual-layer auto iris

A new dual-layer auto iris system enables incredibly deep blacks to be produced by more efficiently controlling the light reduction rate that passes through the auto iris shutter gates.

PowerLite Home Cinema 8500 UB Features

- **Advanced video quality** — HQV processor, Super-resolution chip and THX certification
- **Rich, vibrant color and reliable performance** — 3LCD, 3-chip technology
- **High-definition, 1080p home theater experience** — D7 chip with C²Fine technology delivers 1920 x 1080 resolution
- **Sharp, dramatically rich images** — revolutionary Super-resolution technology enhances DVD, SD and HD content
- **Deep, dark blacks; crystal-clear detail** — contrast ratio up to 200,000:1 and UltraBlack technology with new dual-layer auto iris
- **Stunning picture uniformity and clarity** — state-of-the-art lens by Fujinon
- **Amazing, true-to-life color** — Epson exclusive cinema filter with an expanded color gamut and new color reproduction feature
- **Brilliant images, anytime, day or night** — 1600 lumens color light output, 1600 lumens white light output[2]
- **Cutting-edge connectivity** — two HDMI 1.3 ports for maximum flexibility
- **Smooth gradations** — 12-bit chip driver
- **Unobtrusive operation** — low fan noise so you can focus on pure entertainment
- **Ideal for fast-action movies, TV shows** — advanced, high-speed auto iris function adjusts light output up to 60 times per second to match every entertainment option

Amazing video quality with a built-in Silicon Optix HQV Reon-VX processor

Reduces block noise and artifacts to restore a more natural picture

Original picture | Without HQV Reon–VX | With HQV Reon–VX

Images simulated to show block noise reduction